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Receipt is hereby acknowledged for the following in the United States Patent and Trademark Office:

In re Patent Application of: Daniel Yellin et al.

Title: LOW COMPLEXITY MULTIUSER DETECTOR

Serial No.: 09/990035

Filing Date: November 21, 2001

CONTENTS: An Information Disclosure Statement (1 pg.), Form 1449 (1 pg.), and copies of 3 cited documents; a Return Postcard and TRANSMITTAL SHEET.

Mailed: May 30, 2003
AMM/clh

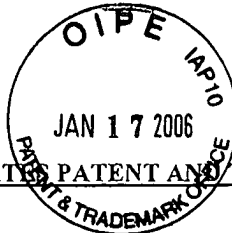
Docket No.: 884.556US1
Due Date: N/A



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant: Daniel Yellin et al.

Title: LOW COMPLEXITY MULTIUSER DETECTOR

Docket No.: 884.556US1

Filed: November 21, 2001

Examiner: Unknown

Serial No.: 09/990035

Due Date: N/A

Group Art Unit: 2681



Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

☒ A return postcard.

☒ An Information Disclosure Statement (1 pg.), Form 1449 (1 pg.), and copies of 3 cited documents.

If not provided for in a separate paper filed herewith, Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By: Ann M. McCrackin
Atty: Ann M. McCrackin
Reg. No. 42,858

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O.Box 1450, Alexandria, VA 22313-1450, on this 30 day of May, 2003.

Chris Hammone
Name

Chris Hammone
Signature

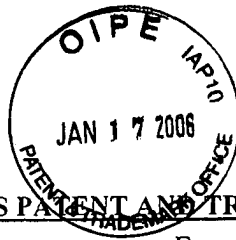
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S/N 09/990035

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Daniel Yellin et al.	Examiner:	Unknown
Serial No.:	09/990035	Group Art Unit:	2681
Filed:	November 21, 2001	Docket:	884.556US1
Title:	LOW COMPLEXITY MULTIUSER DETECTOR		

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

DANIEL YELLIN ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
612-349-9592

Date May 29, 2003

By Ann M. McCrackin
Ann M. McCrackin
Reg. No. 42,858

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Chris Hammond
Name

Chris Hammond
Signature

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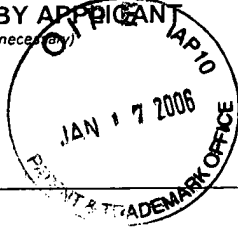
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number 09/990035

Filing Date November 21, 2001

First Named Inventor Yellin, Daniel

Group Art Unit 2681

Examiner Name Unknown

Sheet 1 of 1

Attorney Docket No: 884.556US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
	EP-1117185	07/18/2001	Baltersee, Jens	H04B	1/707	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		GHAURI, IRFAN, et al., "Blind Channel Identification and Projection Receiver Determination For Multicode And Multirate Situations In DS-CDMA Systems", 2001 IEEE, XP-002233922, 2197-2200	
		TRIPATHI, VINAYAK, et al., "Multiple Access Interference Resistant Channel Acquisition for Wideband CDMA Signals", 2000 IEEE, 956-960	

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EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached